

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080822\
 Data File : P0088729.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2022 00:59
 Operator : YP/AJ
 Sample : N3980-09
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 03:16:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 23:24:09 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.436	3.594	53521023	20857709	19.842	19.272
2)	SA Decachlor...	10.275	8.586	40231568	23933348	20.849	19.748
Target Compounds							
3)	L1 AR-1016-1	5.547f	4.635f	448050	30960	5.558	0.831 #
4)	L1 AR-1016-2	0.000	4.635f	0	30960	N.D.	0.594 #
5)	L1 AR-1016-3	0.000	4.822f	0	78279	N.D.	2.676 #
6)	L1 AR-1016-4	0.000	4.962f	0	113419	N.D.	4.702 #
7)	L1 AR-1016-5	0.000	5.074f	0	178185	N.D.	5.463 #
9)	L2 AR-1221-2	4.744	3.891	781912	275764	33.820	30.532
10)	L2 AR-1221-3	4.744f	0.000	781912	0	11.142	N.D. #
11)	L3 AR-1232-1	4.744f	0.000	781912	0	14.076	N.D. #
12)	L3 AR-1232-2	0.000	4.635f	0	30960	N.D.	1.341 #
13)	L3 AR-1232-3	0.000	4.822f	0	78279	N.D.	6.370 #
14)	L3 AR-1232-4	0.000	4.962	0	113419	N.D.	9.623 #
15)	L3 AR-1232-5	0.000	5.074f	0	178185	N.D.	13.244 #
16)	L4 AR-1242-1	5.547f	4.635f	448050	30960	6.666	1.010 #
17)	L4 AR-1242-2	0.000	4.635f	0	30960	N.D.	0.719 #
18)	L4 AR-1242-3	0.000	4.822f	0	78279	N.D.	3.261 #
19)	L4 AR-1242-4	0.000	4.962	0	113419	N.D.	4.498 #
20)	L4 AR-1242-5	6.471f	0.000	226945	0	4.373	N.D. #
21)	L5 AR-1248-1	5.547f	4.635f	448050	30960	8.685	1.319 #
22)	L5 AR-1248-2	0.000	4.962f	0	113419	N.D.	3.160 #
23)	L5 AR-1248-3	0.000	4.962	0	113419	N.D.	2.979 #
24)	L5 AR-1248-4	6.471	5.074f	226945	178185	2.527	3.880 #
25)	L5 AR-1248-5	6.471f	0.000	226945	0	2.560	N.D. #
26)	L6 AR-1254-1	6.471	0.000	226945	0	2.484	N.D. #
27)	L6 AR-1254-2	6.703	0.000	169867	0	1.242	N.D. #
28)	L6 AR-1254-3	7.066	0.000	562048	0	3.994	N.D. #
30)	L6 AR-1254-5	7.761	6.706f	74608	902509	0.701	11.056 #
31)	L7 AR-1260-1	7.188f	0.000	111669	0	1.081	N.D. #
32)	L7 AR-1260-2	7.549f	6.324	176167	150889	1.490	1.969 #
33)	L7 AR-1260-3	7.845	6.503	1507403	233178	17.161	3.246 #
34)	L7 AR-1260-4	8.093	6.961	1704400	1210745	17.402	19.842
35)	L7 AR-1260-5	8.401	7.206	755337	568437	4.101	4.030
36)	L8 AR-1262-1	7.845	6.759	1507403	176001	11.896	5.026 #
37)	L8 AR-1262-2	8.401	7.206	755337	568437	3.598	3.711
38)	L8 AR-1262-3	8.719	7.490	6845484	5042040	75.929	81.748
39)	L8 AR-1262-4	8.815	7.555	6392038	4395873	96.968	38.600 #
40)	L8 AR-1262-5	9.491	8.049	2605282	1563353	32.492	29.119
41)	L9 AR-1268-1	8.719	7.490	6845484	5042040	27.601	28.475
42)	L9 AR-1268-2	8.815	7.555	6392038	4395873	28.098	27.381
43)	L9 AR-1268-3	9.052	7.760	5692011	3853866	29.047	27.936

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 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.491	8.049	2605282	1563353	29.920	27.011
45) L9	AR-1268-5	9.922	8.336	17679985	10952955	28.255	26.853

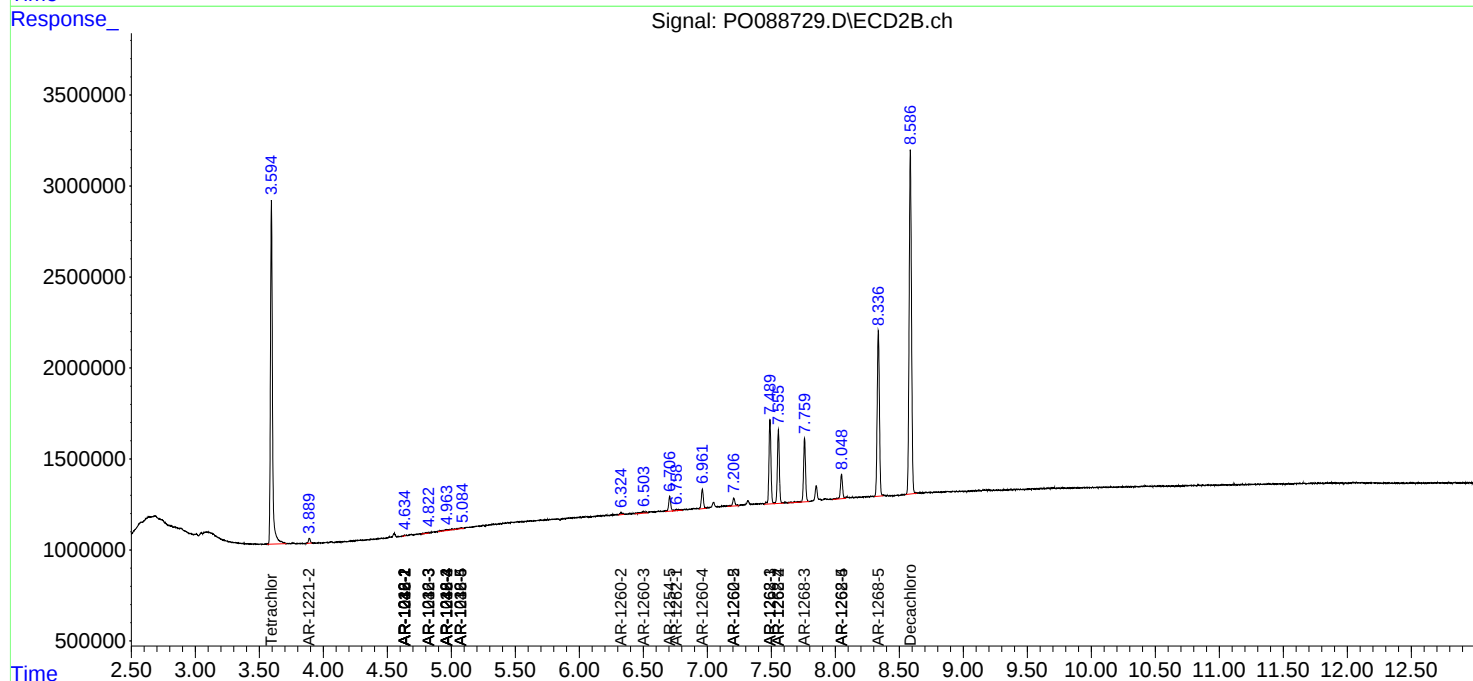
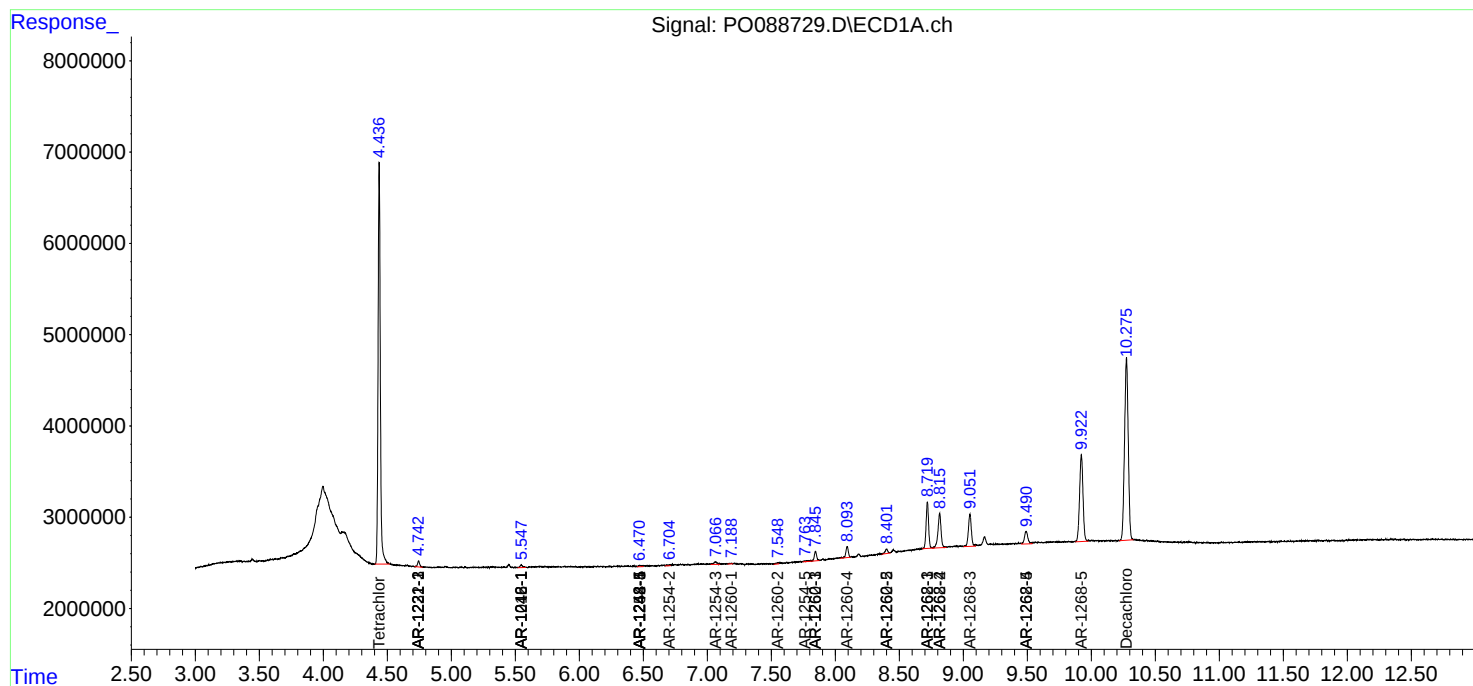
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

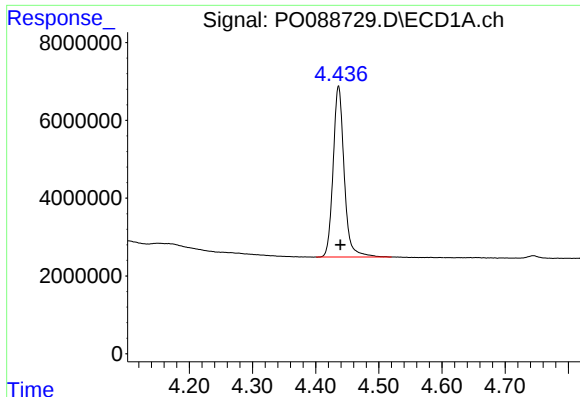
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080822\
Data File : PO088729.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO080422.M
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QLast Update : Fri Aug 05 23:24:09 2022
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Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

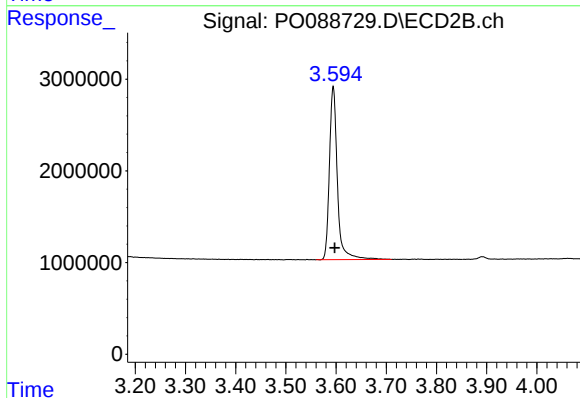




#1 Tetrachloro-m-xylene

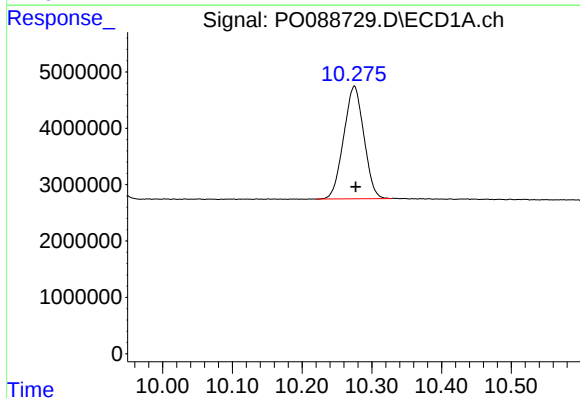
R.T.: 4.436 min
Delta R.T.: -0.003 min
Response: 53521023
Conc: 19.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



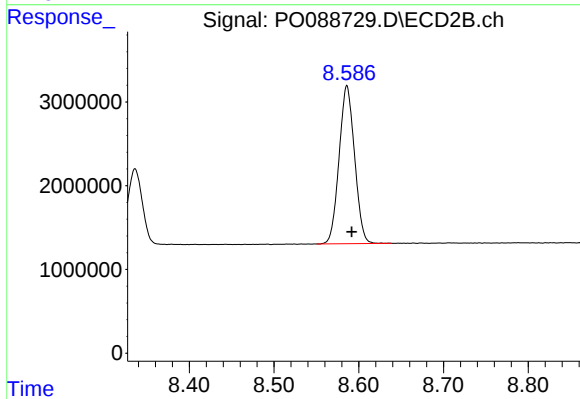
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.003 min
Response: 20857709
Conc: 19.27 ng/ml



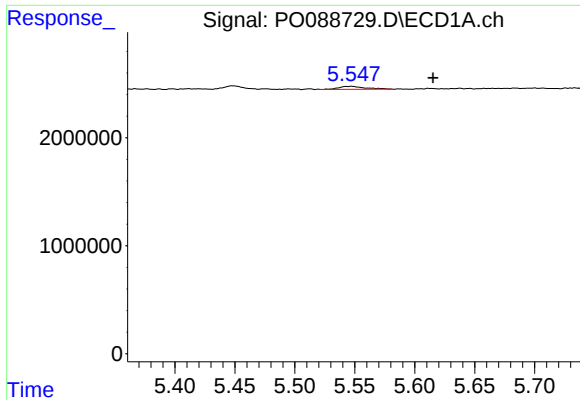
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: -0.002 min
Response: 40231568
Conc: 20.85 ng/ml



#2 Decachlorobiphenyl

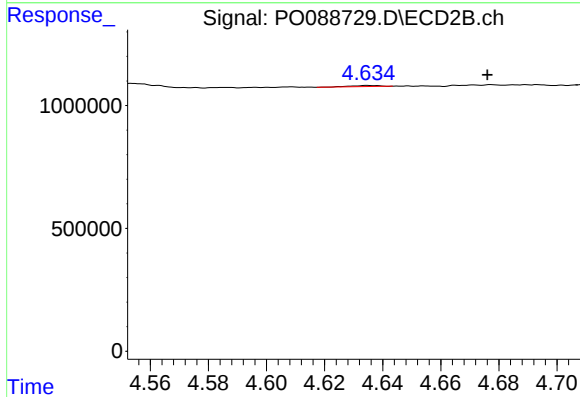
R.T.: 8.586 min
Delta R.T.: -0.006 min
Response: 23933348
Conc: 19.75 ng/ml



#3 AR-1016-1

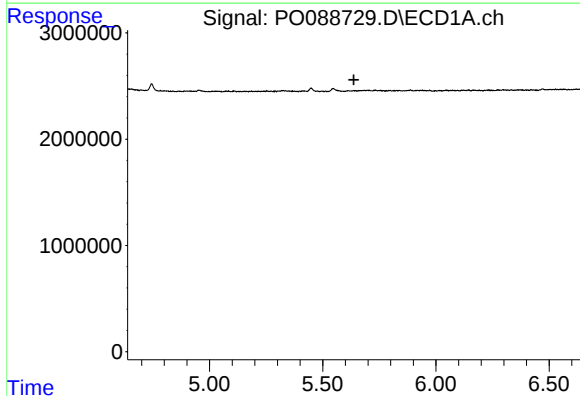
R.T.: 5.547 min
Delta R.T.: -0.068 min
Response: 448050
Conc: 5.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



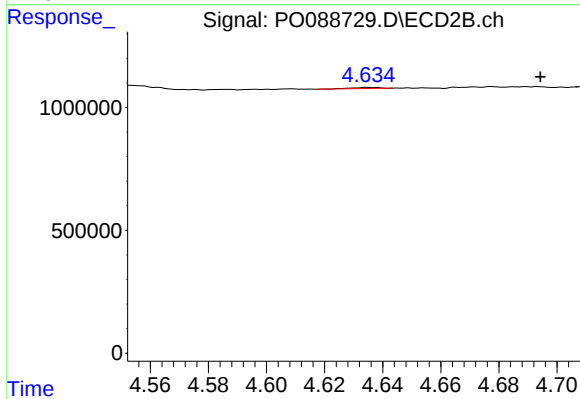
#3 AR-1016-1

R.T.: 4.635 min
Delta R.T.: -0.041 min
Response: 30960
Conc: 0.83 ng/ml



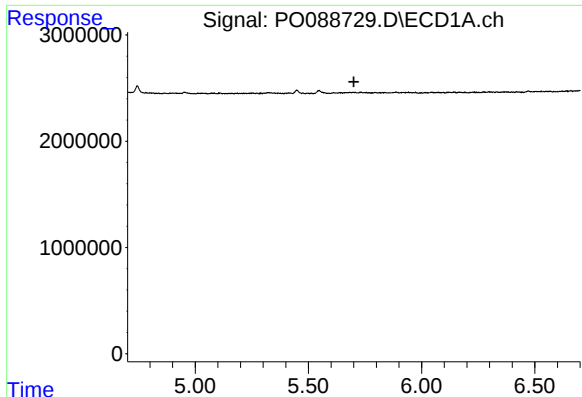
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.638 min
Response: 0
Conc: N.D.



#4 AR-1016-2

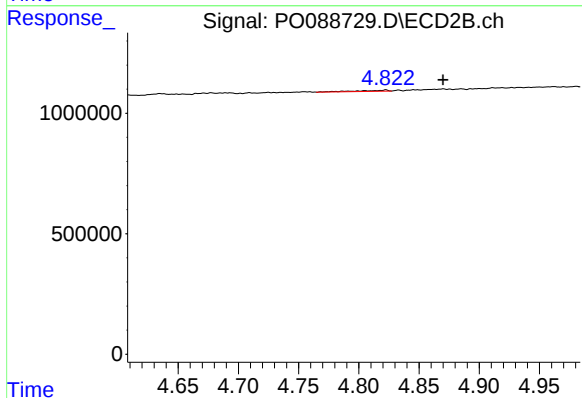
R.T.: 4.635 min
Delta R.T.: -0.059 min
Response: 30960
Conc: 0.59 ng/ml



#5 AR-1016-3

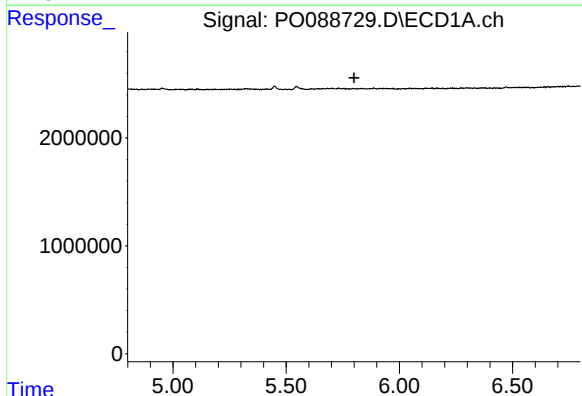
R.T.: 0.000 min
Exp R.T.: 5.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



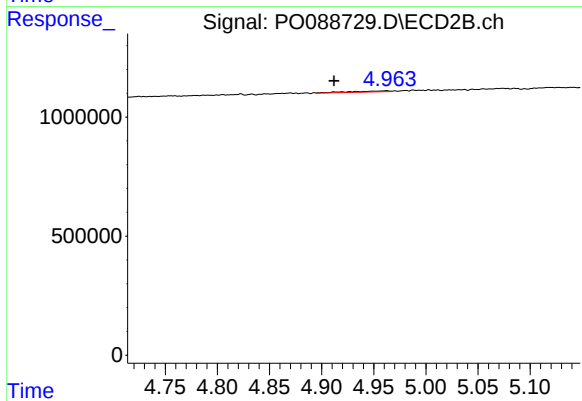
#5 AR-1016-3

R.T.: 4.822 min
Delta R.T.: -0.048 min
Response: 78279
Conc: 2.68 ng/ml



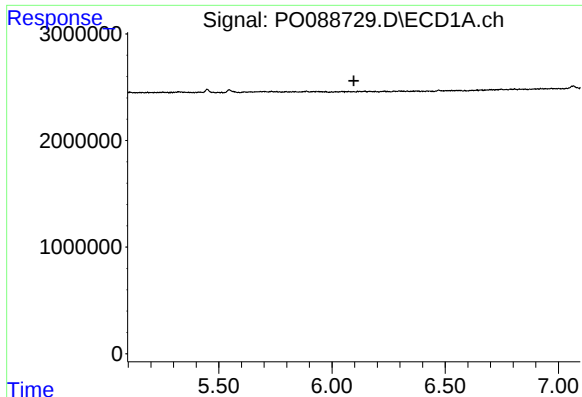
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.800 min
Response: 0
Conc: N.D.



#6 AR-1016-4

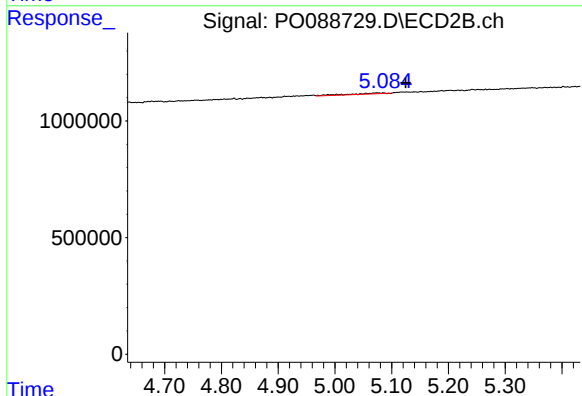
R.T.: 4.962 min
Delta R.T.: 0.050 min
Response: 113419
Conc: 4.70 ng/ml



#7 AR-1016-5

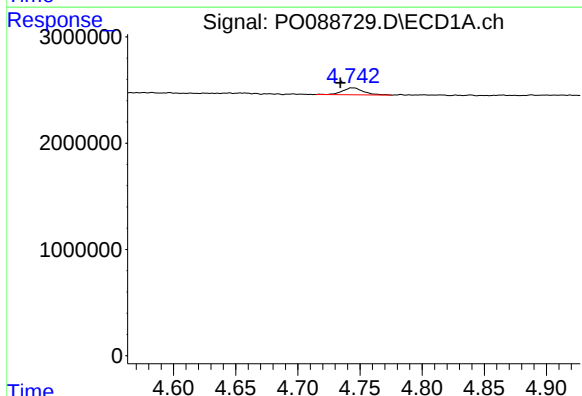
R.T.: 0.000 min
Exp R.T.: 6.097 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



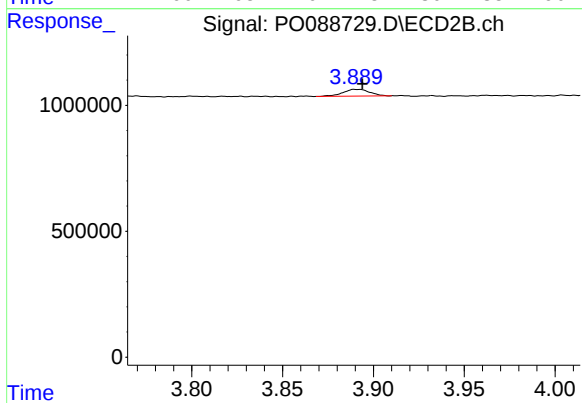
#7 AR-1016-5

R.T.: 5.074 min
Delta R.T.: -0.051 min
Response: 178185
Conc: 5.46 ng/ml



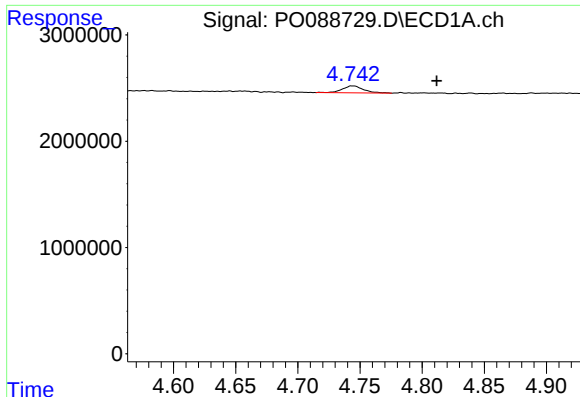
#9 AR-1221-2

R.T.: 4.744 min
Delta R.T.: 0.010 min
Response: 781912
Conc: 33.82 ng/ml



#9 AR-1221-2

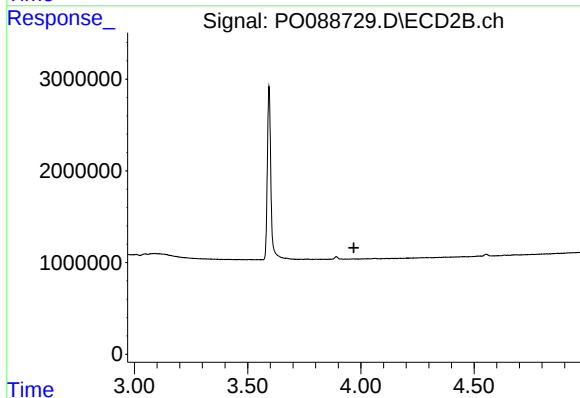
R.T.: 3.891 min
Delta R.T.: -0.003 min
Response: 275764
Conc: 30.53 ng/ml



#10 AR-1221-3

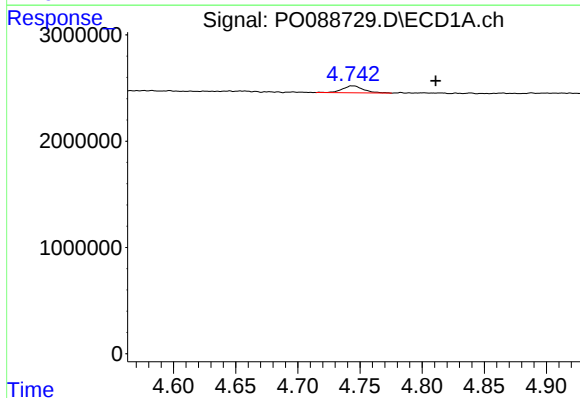
R.T.: 4.744 min
Delta R.T.: -0.067 min
Response: 781912
Conc: 11.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



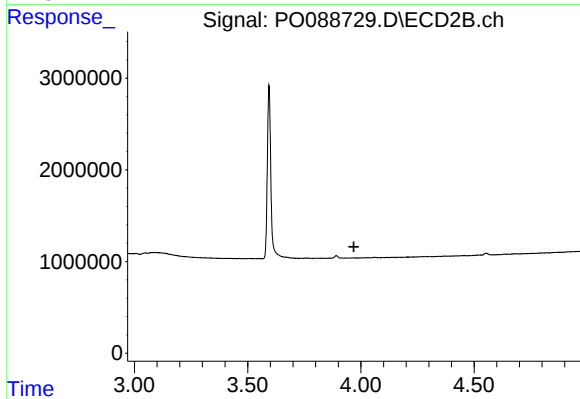
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



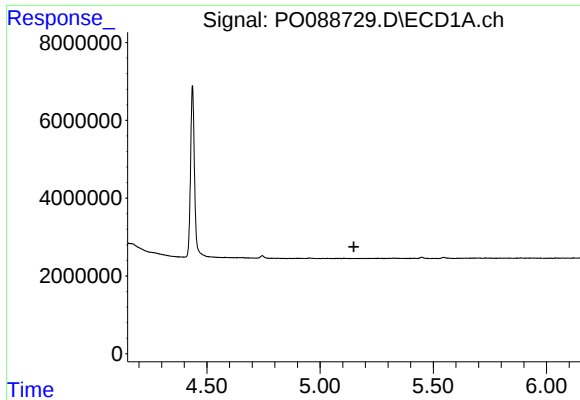
#11 AR-1232-1

R.T.: 4.744 min
Delta R.T.: -0.067 min
Response: 781912
Conc: 14.08 ng/ml



#11 AR-1232-1

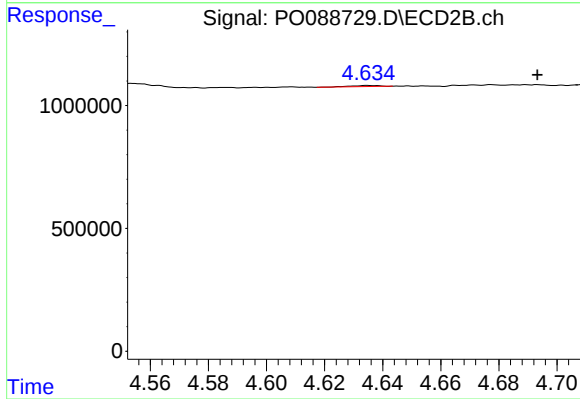
R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



#12 AR-1232-2

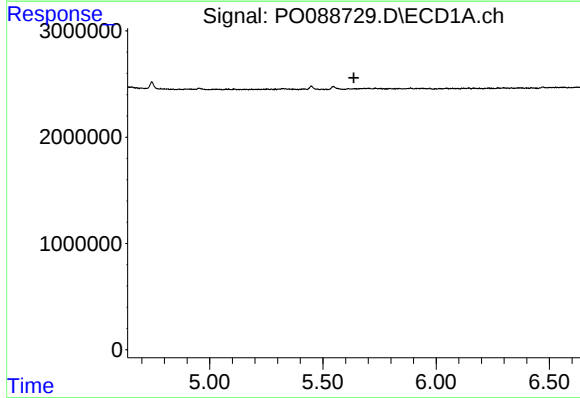
R.T.: 0.000 min
Exp R.T.: 5.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



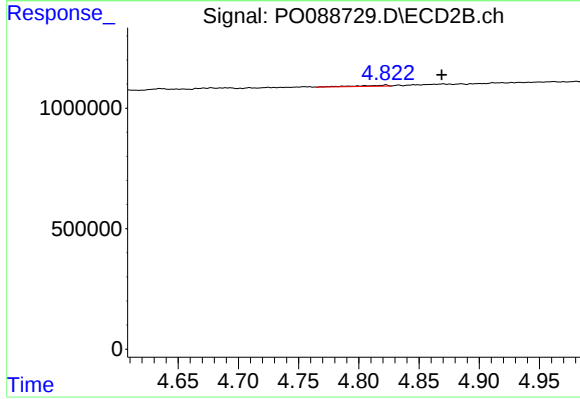
#12 AR-1232-2

R.T.: 4.635 min
Delta R.T.: -0.058 min
Response: 30960
Conc: 1.34 ng/ml



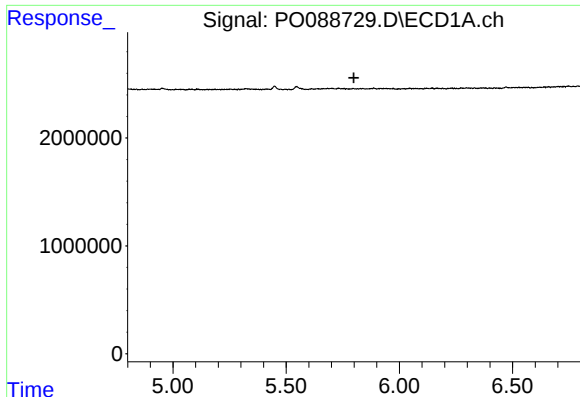
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.637 min
Response: 0
Conc: N.D.



#13 AR-1232-3

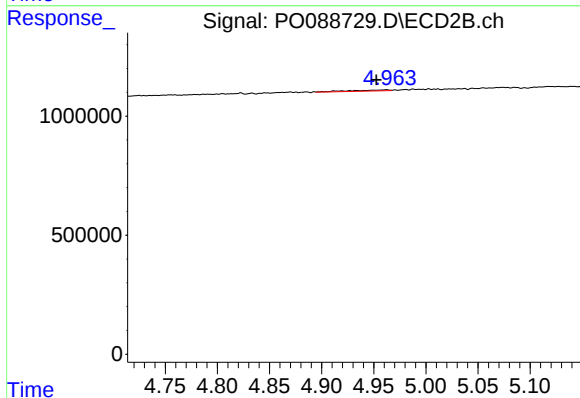
R.T.: 4.822 min
Delta R.T.: -0.047 min
Response: 78279
Conc: 6.37 ng/ml



#14 AR-1232-4

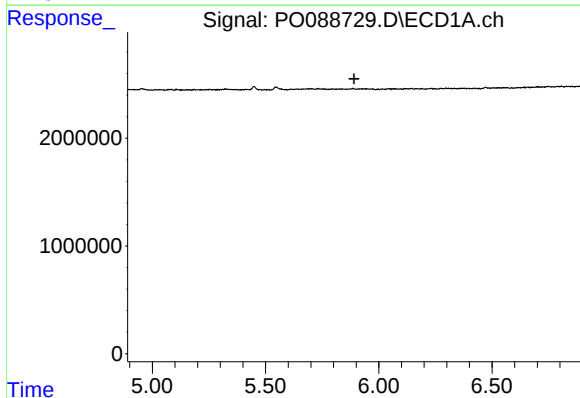
R.T.: 0.000 min
Exp R.T.: 5.799 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



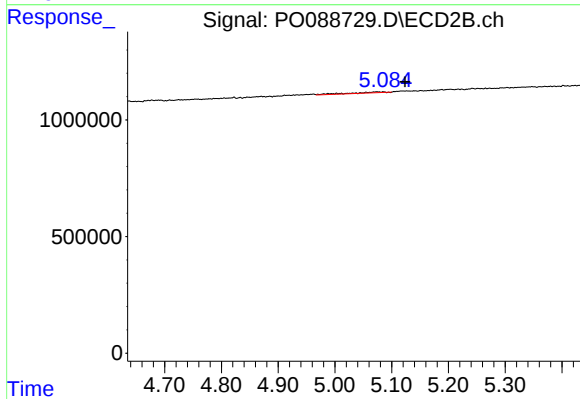
#14 AR-1232-4

R.T.: 4.962 min
Delta R.T.: 0.010 min
Response: 113419
Conc: 9.62 ng/ml



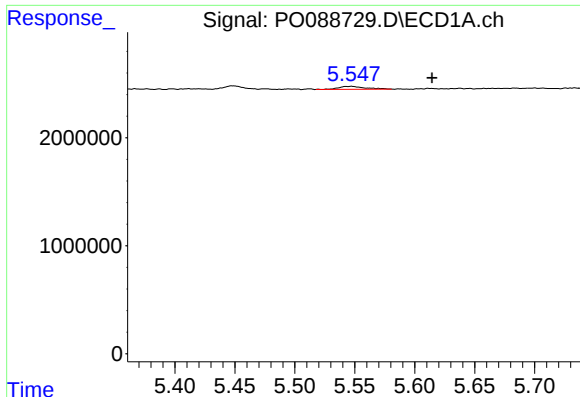
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.890 min
Response: 0
Conc: N.D.



#15 AR-1232-5

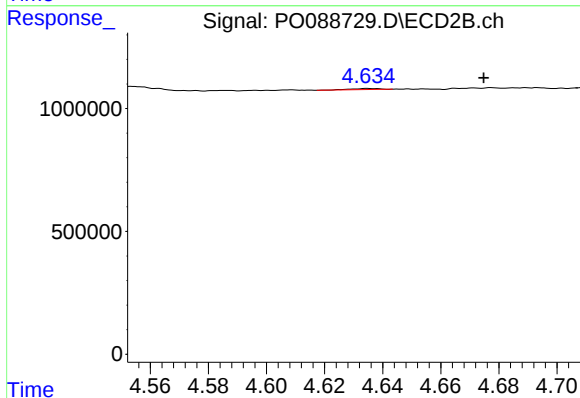
R.T.: 5.074 min
Delta R.T.: -0.050 min
Response: 178185
Conc: 13.24 ng/ml



#16 AR-1242-1

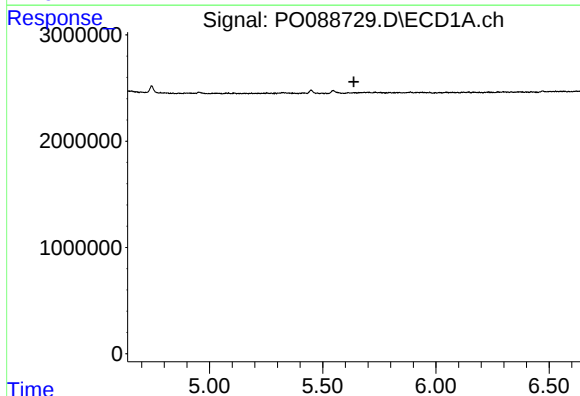
R.T.: 5.547 min
Delta R.T.: -0.067 min
Response: 448050
Conc: 6.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



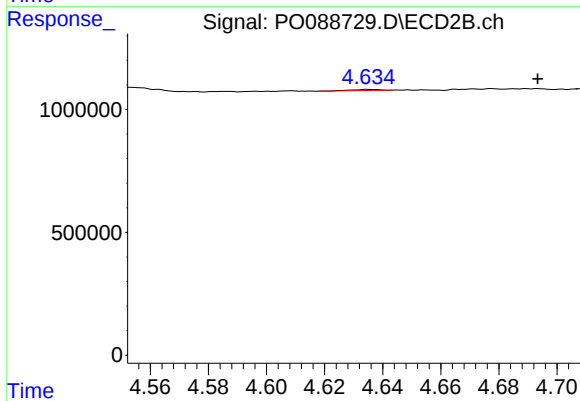
#16 AR-1242-1

R.T.: 4.635 min
Delta R.T.: -0.040 min
Response: 30960
Conc: 1.01 ng/ml



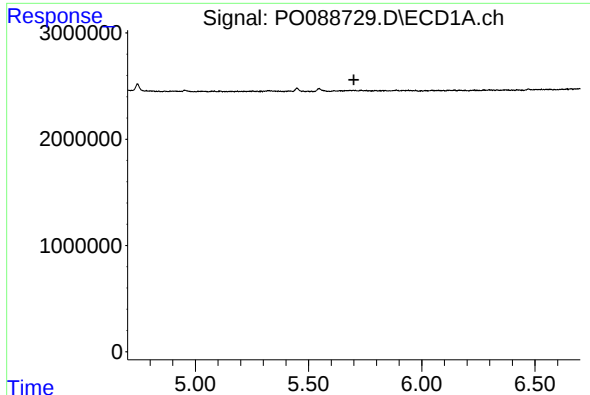
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.637 min
Response: 0
Conc: N.D.



#17 AR-1242-2

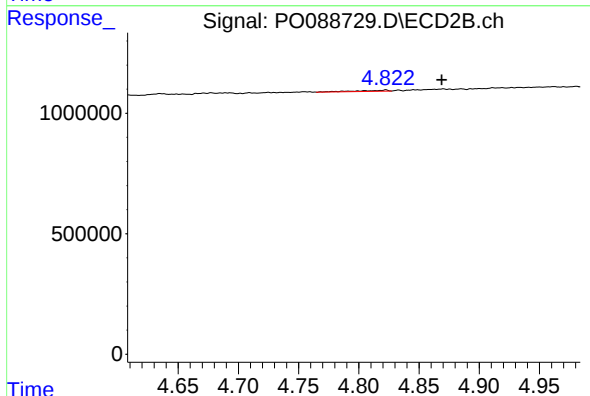
R.T.: 4.635 min
Delta R.T.: -0.058 min
Response: 30960
Conc: 0.72 ng/ml



#18 AR-1242-3

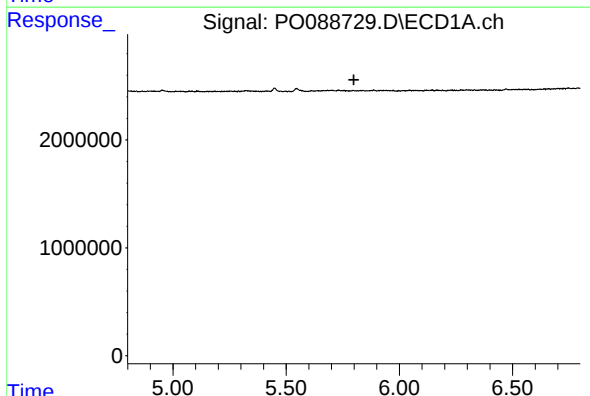
R.T.: 0.000 min
Exp R.T.: 5.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



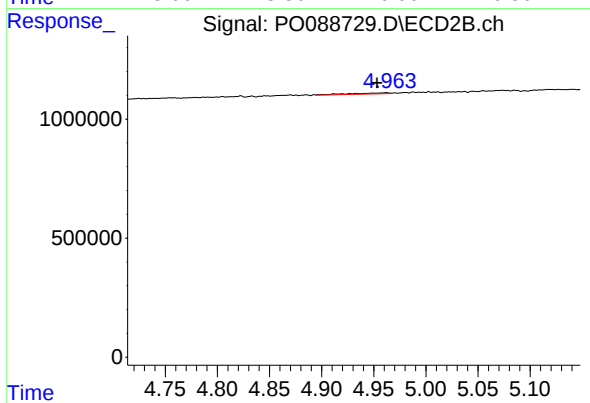
#18 AR-1242-3

R.T.: 4.822 min
Delta R.T.: -0.047 min
Response: 78279
Conc: 3.26 ng/ml



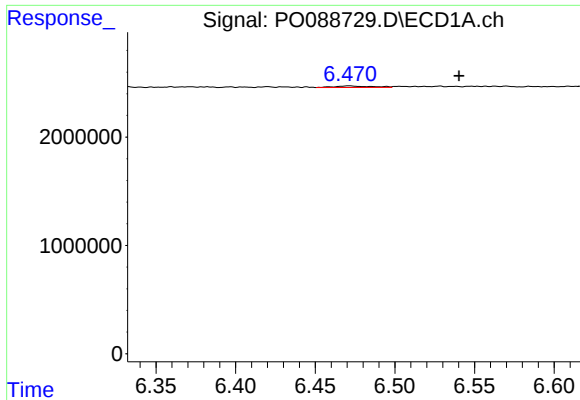
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.799 min
Response: 0
Conc: N.D.



#19 AR-1242-4

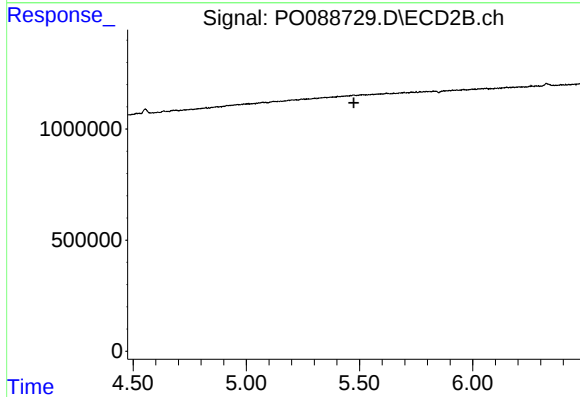
R.T.: 4.962 min
Delta R.T.: 0.009 min
Response: 113419
Conc: 4.50 ng/ml



#20 AR-1242-5

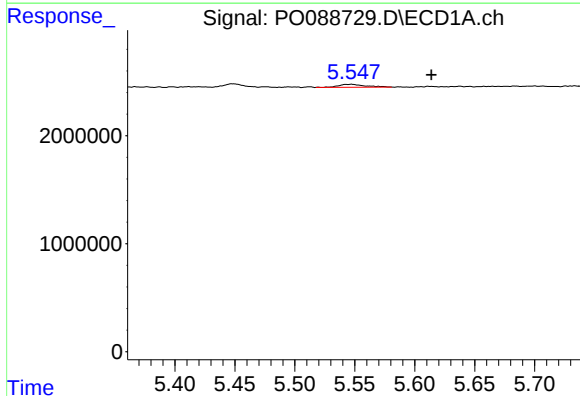
R.T.: 6.471 min
Delta R.T.: -0.069 min
Response: 226945
Conc: 4.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



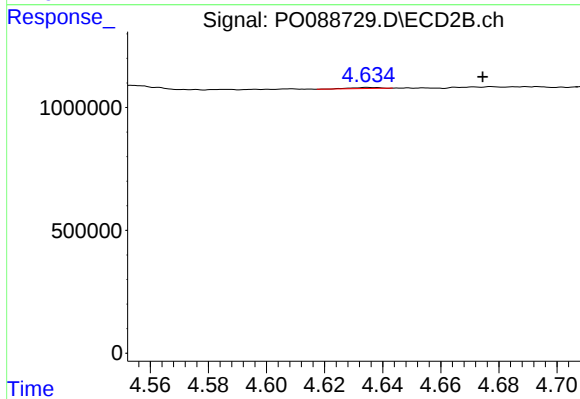
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



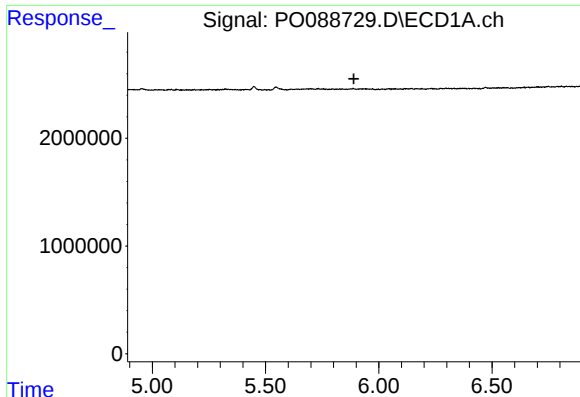
#21 AR-1248-1

R.T.: 5.547 min
Delta R.T.: -0.067 min
Response: 448050
Conc: 8.68 ng/ml



#21 AR-1248-1

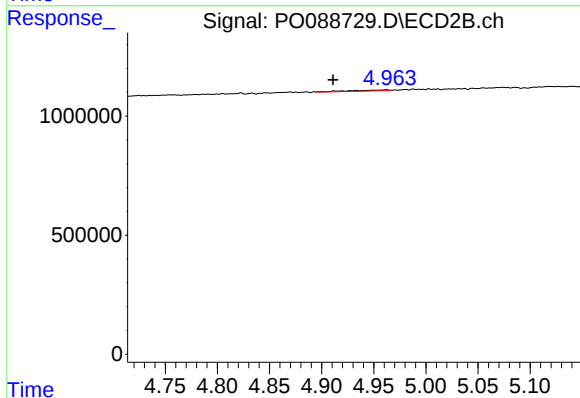
R.T.: 4.635 min
Delta R.T.: -0.039 min
Response: 30960
Conc: 1.32 ng/ml



#22 AR-1248-2

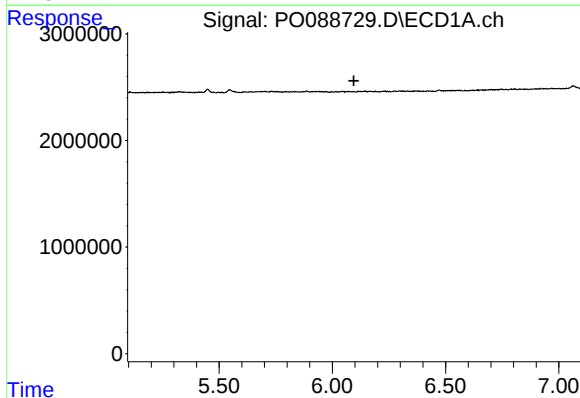
R.T.: 0.000 min
Exp R.T.: 5.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



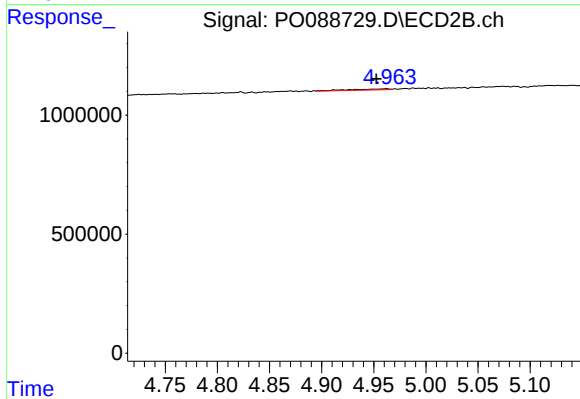
#22 AR-1248-2

R.T.: 4.962 min
Delta R.T.: 0.051 min
Response: 113419
Conc: 3.16 ng/ml



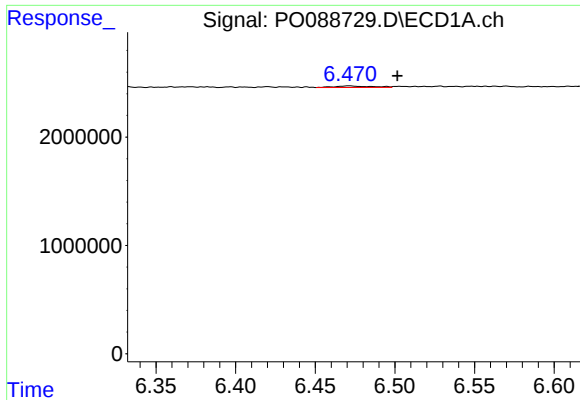
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.095 min
Response: 0
Conc: N.D.



#23 AR-1248-3

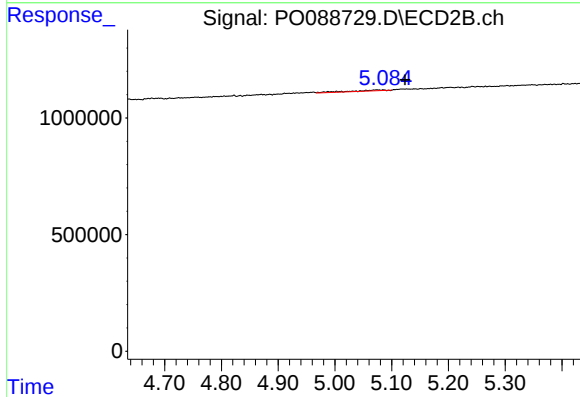
R.T.: 4.962 min
Delta R.T.: 0.010 min
Response: 113419
Conc: 2.98 ng/ml



#24 AR-1248-4

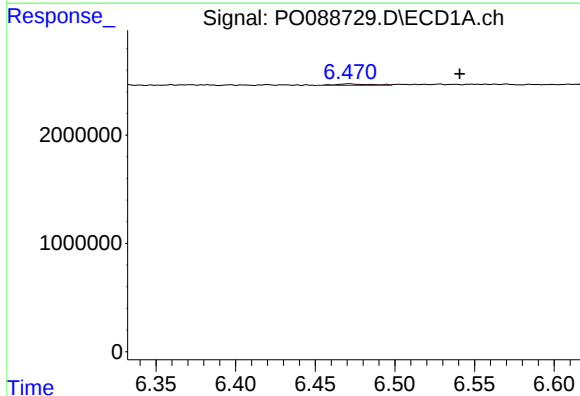
R.T.: 6.471 min
Delta R.T.: -0.030 min
Response: 226945
Conc: 2.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



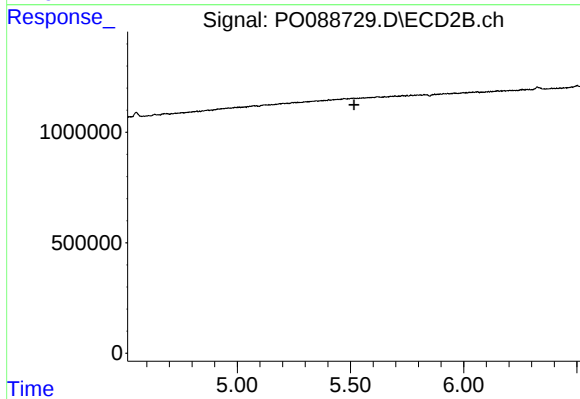
#24 AR-1248-4

R.T.: 5.074 min
Delta R.T.: -0.050 min
Response: 178185
Conc: 3.88 ng/ml



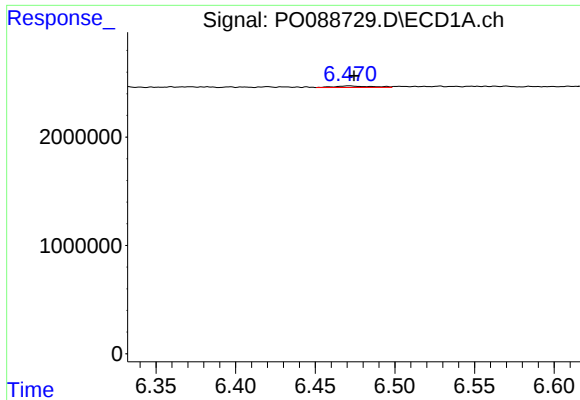
#25 AR-1248-5

R.T.: 6.471 min
Delta R.T.: -0.070 min
Response: 226945
Conc: 2.56 ng/ml



#25 AR-1248-5

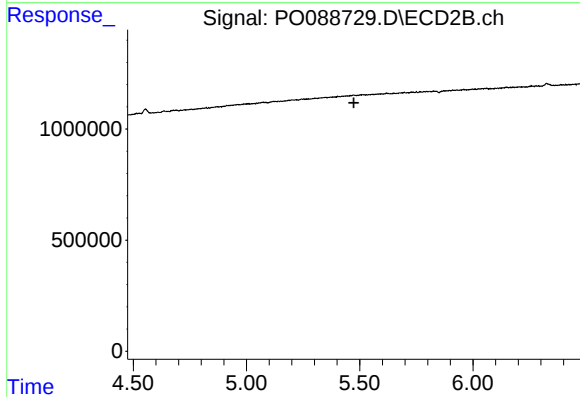
R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



#26 AR-1254-1

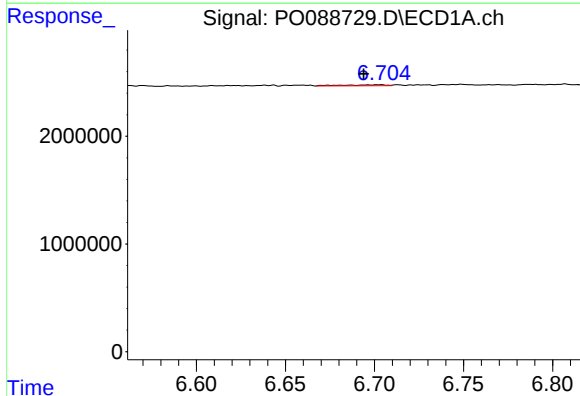
R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 226945
Conc: 2.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



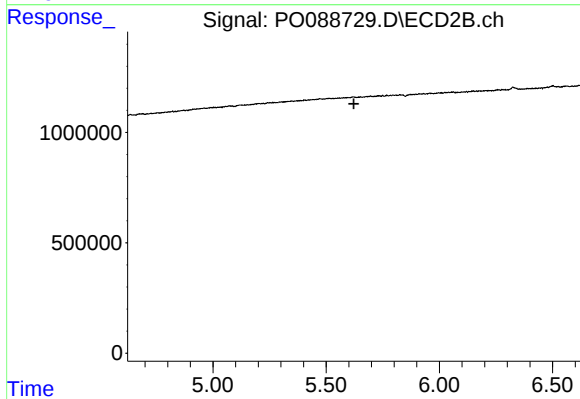
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



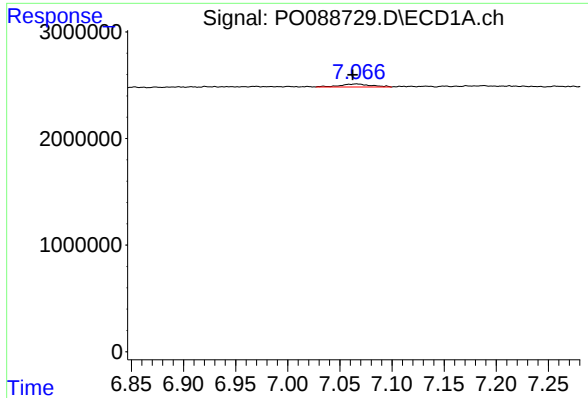
#27 AR-1254-2

R.T.: 6.703 min
Delta R.T.: 0.009 min
Response: 169867
Conc: 1.24 ng/ml



#27 AR-1254-2

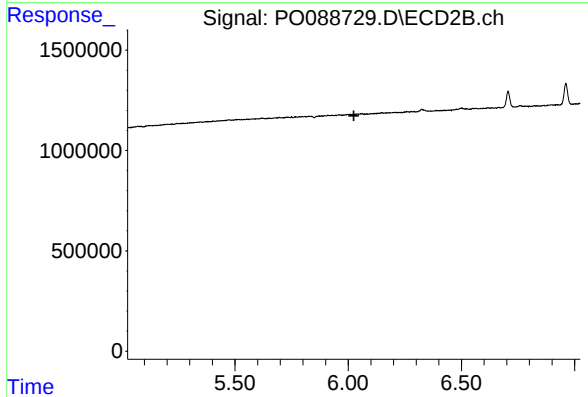
R.T.: 0.000 min
Exp R.T. : 5.622 min
Response: 0
Conc: N.D.



#28 AR-1254-3

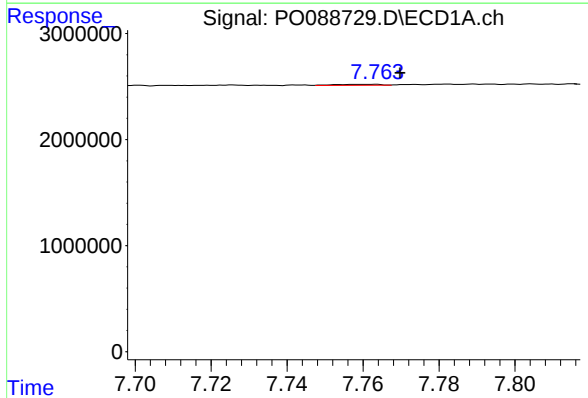
R.T.: 7.066 min
Delta R.T.: 0.004 min
Response: 562048
Conc: 3.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



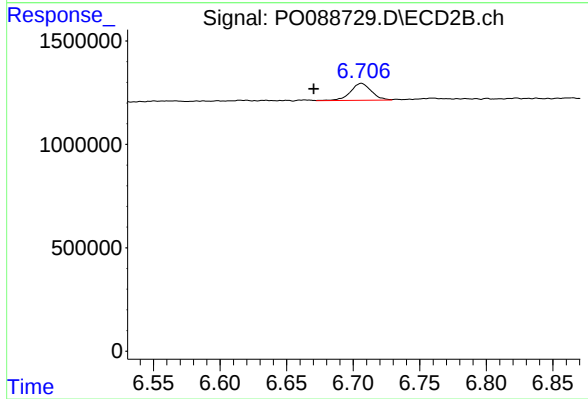
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



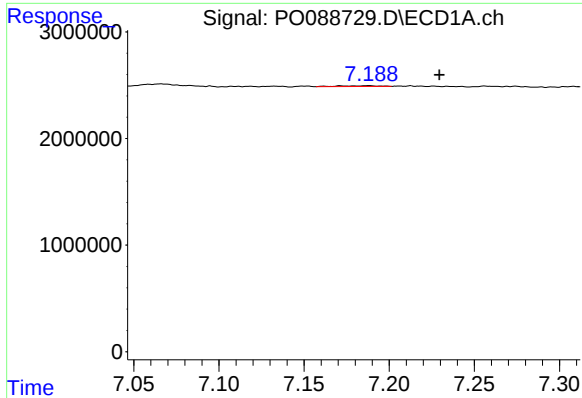
#30 AR-1254-5

R.T.: 7.761 min
Delta R.T.: -0.008 min
Response: 74608
Conc: 0.70 ng/ml



#30 AR-1254-5

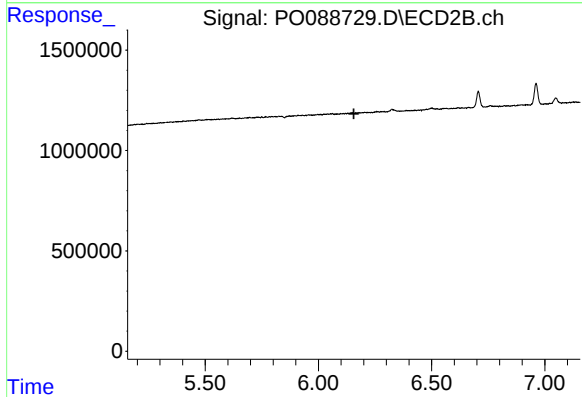
R.T.: 6.706 min
Delta R.T.: 0.036 min
Response: 902509
Conc: 11.06 ng/ml



#31 AR-1260-1

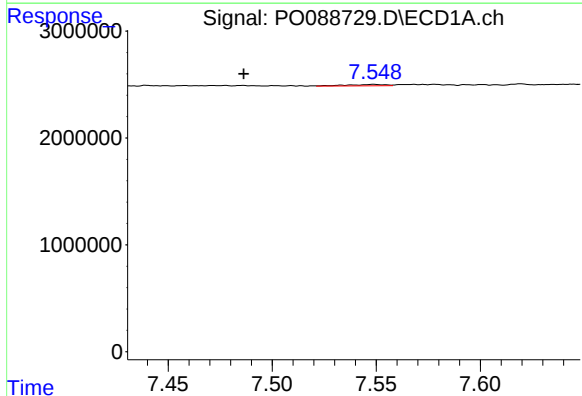
R.T.: 7.188 min
Delta R.T.: -0.042 min
Response: 111669
Conc: 1.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



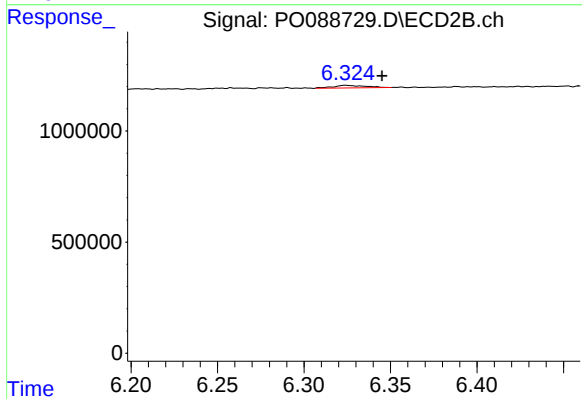
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.157 min
Response: 0
Conc: N.D.



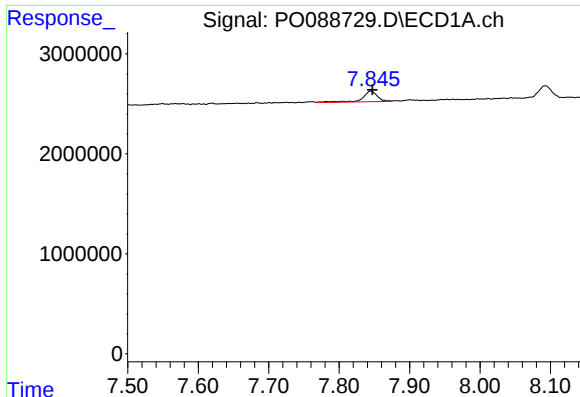
#32 AR-1260-2

R.T.: 7.549 min
Delta R.T.: 0.063 min
Response: 176167
Conc: 1.49 ng/ml



#32 AR-1260-2

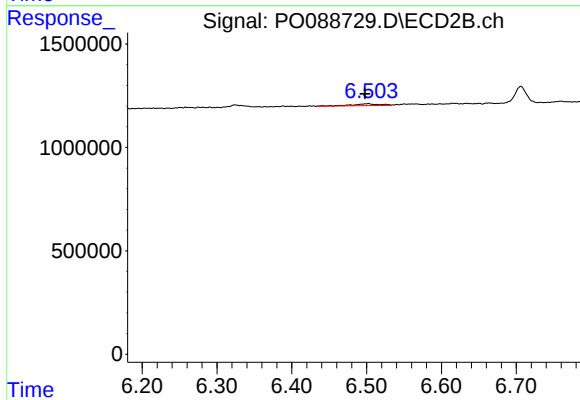
R.T.: 6.324 min
Delta R.T.: -0.021 min
Response: 150889
Conc: 1.97 ng/ml



#33 AR-1260-3

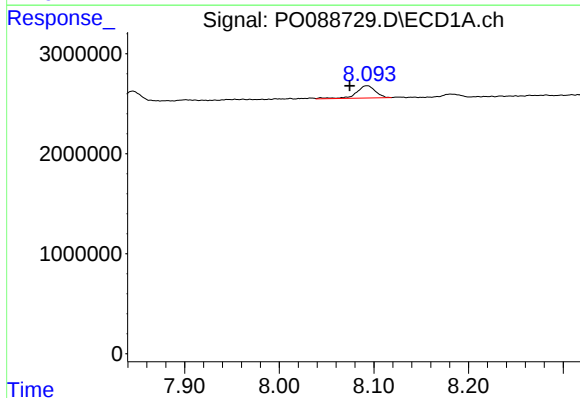
R.T.: 7.845 min
Delta R.T.: -0.002 min
Response: 1507403
Conc: 17.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



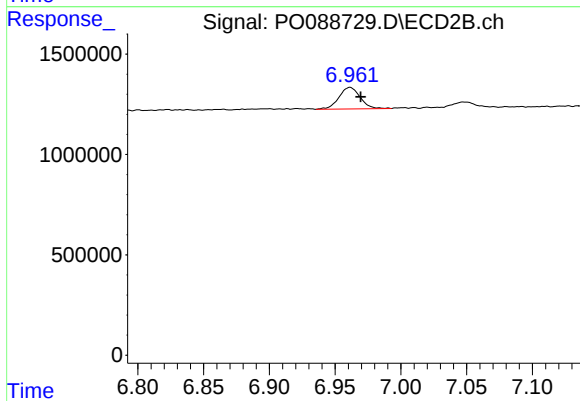
#33 AR-1260-3

R.T.: 6.503 min
Delta R.T.: 0.005 min
Response: 233178
Conc: 3.25 ng/ml



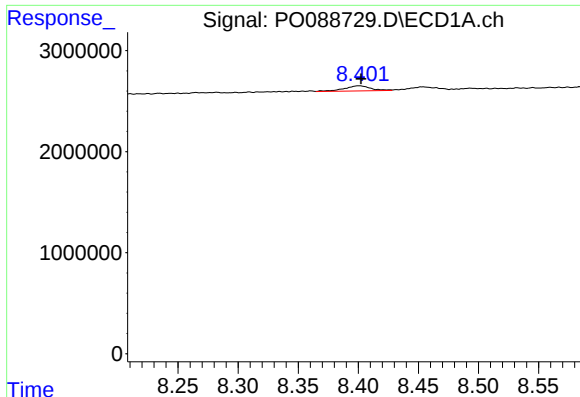
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: 0.018 min
Response: 1704400
Conc: 17.40 ng/ml



#34 AR-1260-4

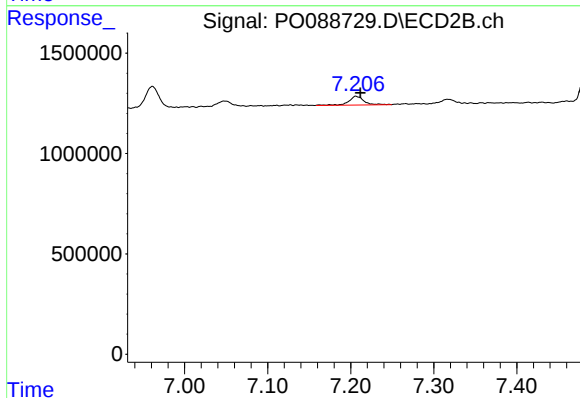
R.T.: 6.961 min
Delta R.T.: -0.008 min
Response: 1210745
Conc: 19.84 ng/ml



#35 AR-1260-5

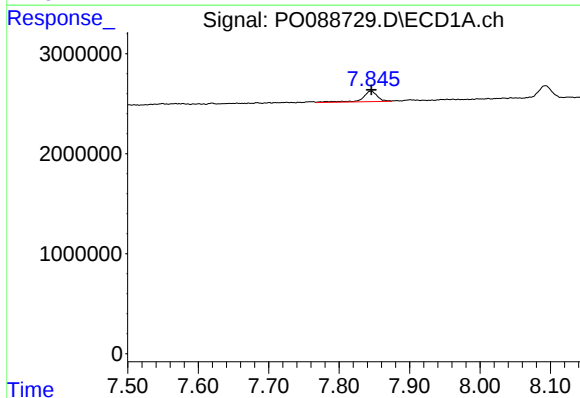
R.T.: 8.401 min
Delta R.T.: -0.002 min
Response: 755337
Conc: 4.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



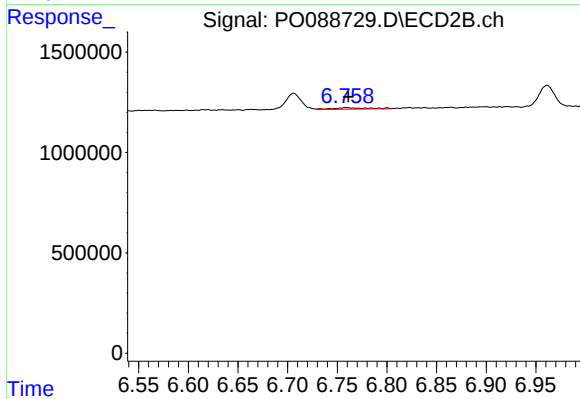
#35 AR-1260-5

R.T.: 7.206 min
Delta R.T.: -0.005 min
Response: 568437
Conc: 4.03 ng/ml



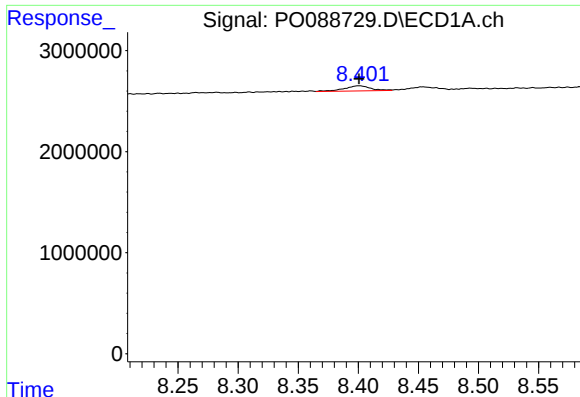
#36 AR-1262-1

R.T.: 7.845 min
Delta R.T.: 0.000 min
Response: 1507403
Conc: 11.90 ng/ml



#36 AR-1262-1

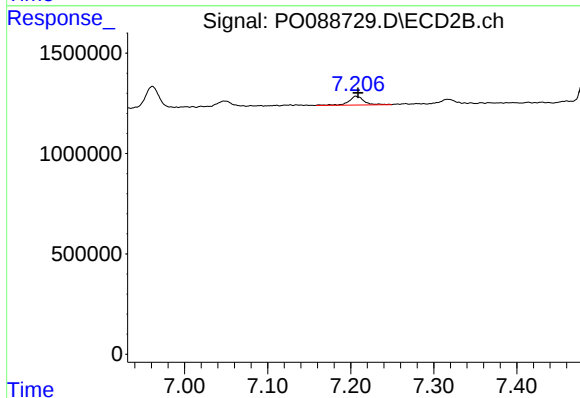
R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 176001
Conc: 5.03 ng/ml



#37 AR-1262-2

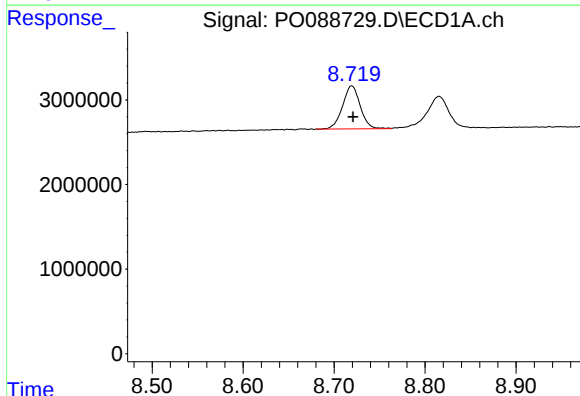
R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 755337
Conc: 3.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



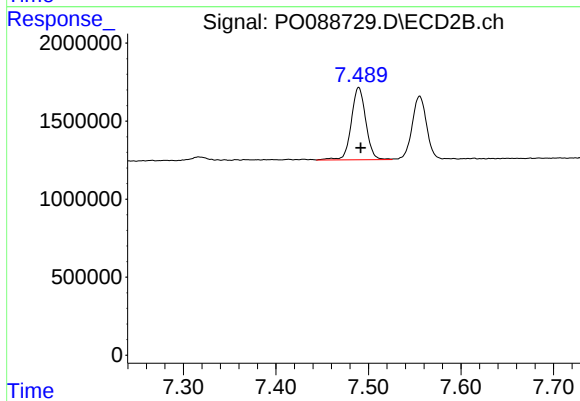
#37 AR-1262-2

R.T.: 7.206 min
Delta R.T.: -0.003 min
Response: 568437
Conc: 3.71 ng/ml



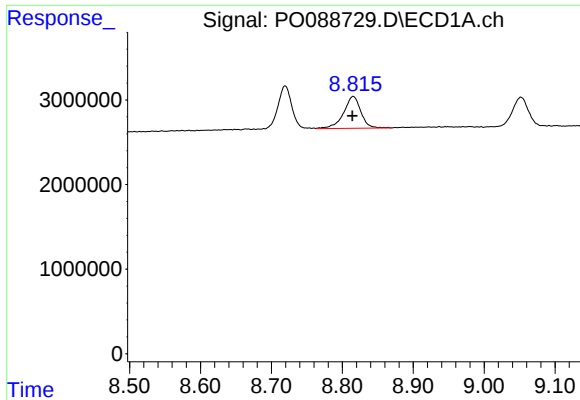
#38 AR-1262-3

R.T.: 8.719 min
Delta R.T.: -0.001 min
Response: 6845484
Conc: 75.93 ng/ml



#38 AR-1262-3

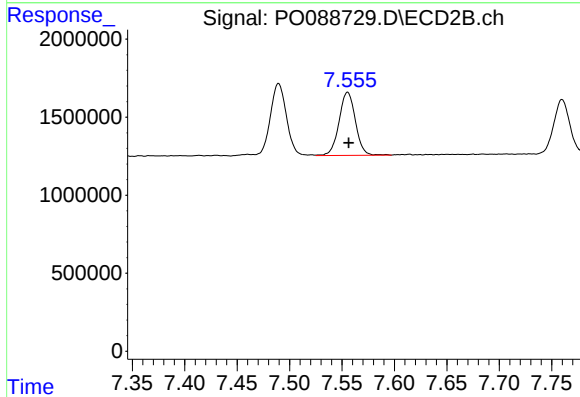
R.T.: 7.490 min
Delta R.T.: -0.002 min
Response: 5042040
Conc: 81.75 ng/ml



#39 AR-1262-4

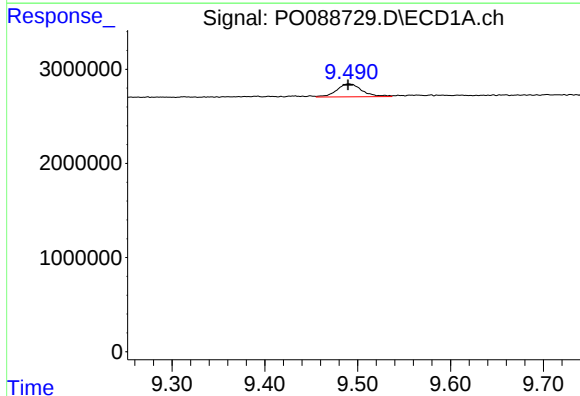
R.T.: 8.815 min
Delta R.T.: 0.001 min
Response: 6392038
Conc: 96.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



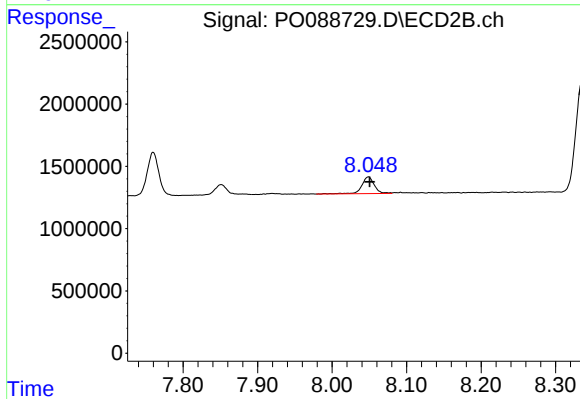
#39 AR-1262-4

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 4395873
Conc: 38.60 ng/ml



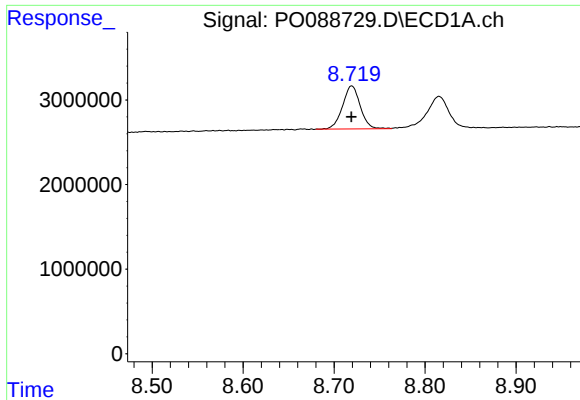
#40 AR-1262-5

R.T.: 9.491 min
Delta R.T.: 0.000 min
Response: 2605282
Conc: 32.49 ng/ml



#40 AR-1262-5

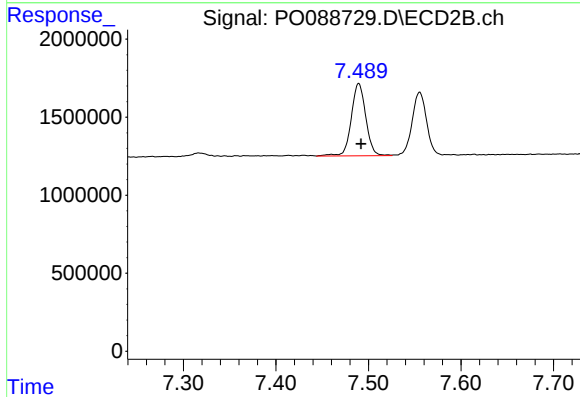
R.T.: 8.049 min
Delta R.T.: -0.002 min
Response: 1563353
Conc: 29.12 ng/ml



#41 AR-1268-1

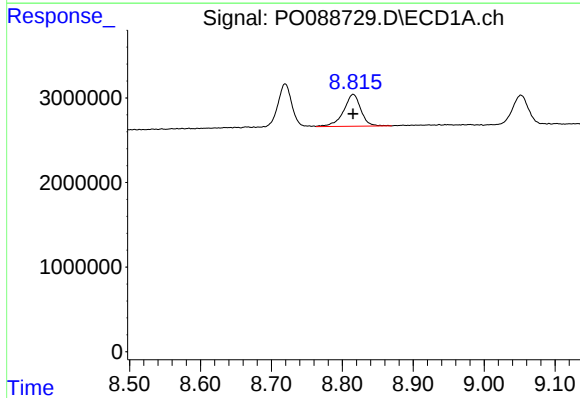
R.T.: 8.719 min
Delta R.T.: 0.000 min
Response: 6845484
Conc: 27.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



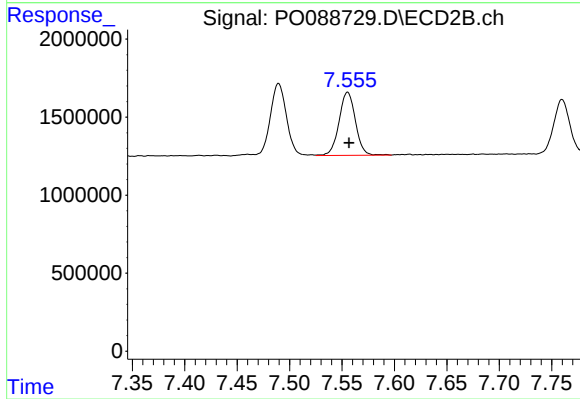
#41 AR-1268-1

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 5042040
Conc: 28.47 ng/ml



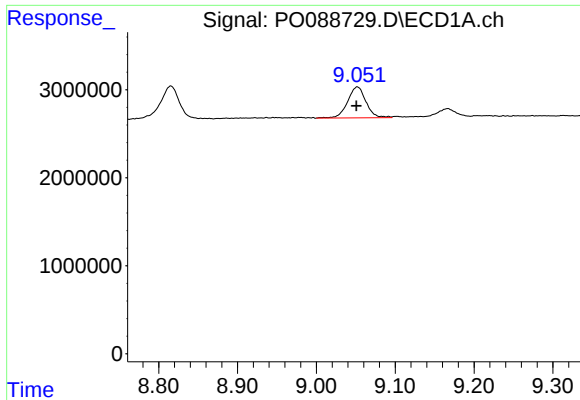
#42 AR-1268-2

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 6392038
Conc: 28.10 ng/ml



#42 AR-1268-2

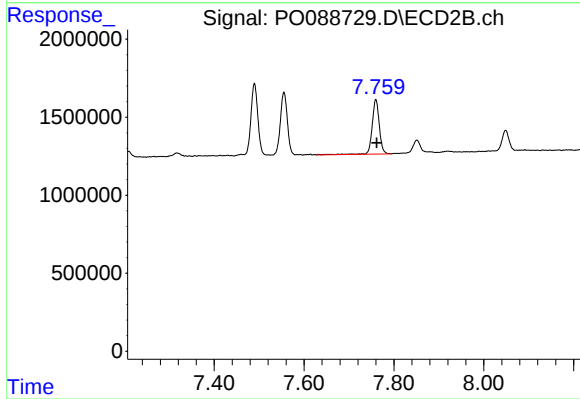
R.T.: 7.555 min
Delta R.T.: -0.002 min
Response: 4395873
Conc: 27.38 ng/ml



#43 AR-1268-3

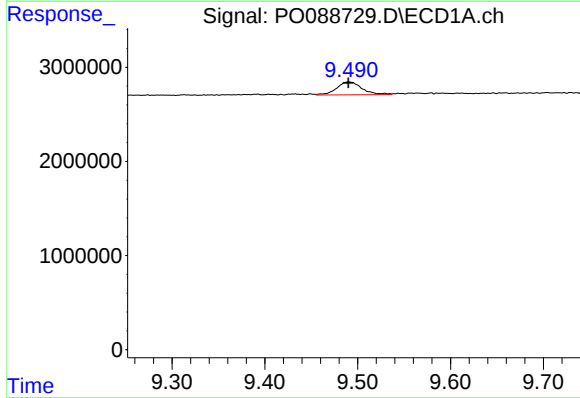
R.T.: 9.052 min
Delta R.T.: 0.001 min
Response: 5692011
Conc: 29.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



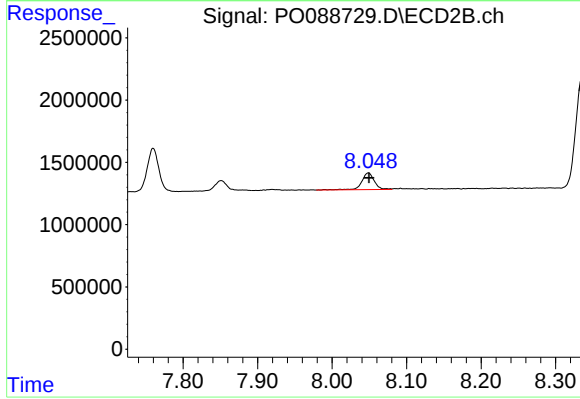
#43 AR-1268-3

R.T.: 7.760 min
Delta R.T.: -0.002 min
Response: 3853866
Conc: 27.94 ng/ml



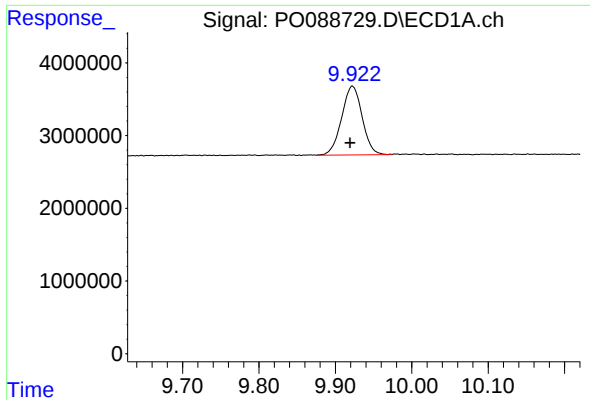
#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: 0.000 min
Response: 2605282
Conc: 29.92 ng/ml



#44 AR-1268-4

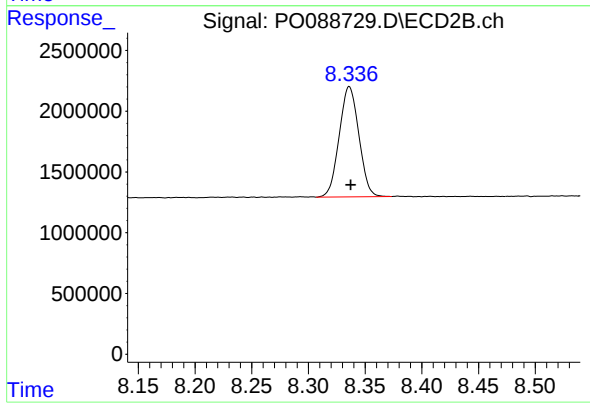
R.T.: 8.049 min
Delta R.T.: 0.000 min
Response: 1563353
Conc: 27.01 ng/ml



#45 AR-1268-5

R.T.: 9.922 min
Delta R.T.: 0.003 min
Response: 17679985
Conc: 28.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.336 min
Delta R.T.: -0.001 min
Response: 10952955
Conc: 26.85 ng/ml